



Office of Research Fall 2017 Newsletter

OSP NEWS

NSF's Major Research Instrumentation Program

The [NSF Major Research Instrumentation Program](#) (NSF-MRI) serves to increase access to shared scientific and engineering instruments for research and research training. Each MRI proposal may request support for the acquisition (Track 1) or development (Track 2) of a single research instrument for shared inter- and/or intra-organizational use. The NSF proposal deadline for

this program is January 10, 2018.

Because MRI is a limited submission program, UNC's internal limited submission process will be followed if more than three (3) faculty are interested in applying. PIs should notify OSP of their intent to submit an NSF-MRI proposal by completing a [Notice of Intent to Submit](#) (NOI) through the OSP website .

Grants.GOV Workspace Updates

For years, applicants have submitted proposals for federal grants through a package of PDF forms downloaded from Grants.gov. However, effective 12/31/17, Grants.gov will officially retire the legacy PDF package method of proposal submission, replacing it with an online environment called Workspace. In Workspace, forms can either be completed directly online within a web browser or downloaded individually as PDF files, filled out, and uploaded back into

Workspace. Applicants will still be able to utilize agency-specific proposal submission systems available (such as National Science Foundation's FastLane and National Institutes of Health's ASSIST) in lieu of Workspace. However, applicants submitting to federal funding agencies without a dedicated submission portal must plan to use Workspace for all submissions after 12/31

For more information about Workspace, review [Grants.gov's training resources](#) or contact your OSP [Grants & Contracts](#)

CETL Grant Writing Forum October 25th

An open forum for all faculty and staff involved in grant writing will be offered on October 25 at 11:30AM. "Grant Writing: Tips and Tricks for Successful Proposal Preparation" will focus on the process of writing a successful grant application, as well as OSP's procedures for submitting. Register online with CETL today!

CDOT Requests 'Problem Statements'

The Colorado Department of Transportation (CDOT) -Division of Transportation Development- Applied Research and Innovation Branch (ARIB) is soliciting problem statements to develop the FY19 research program. Researchers are encouraged to submit [problem statements](#) to CDOT (through UNC OSP) by **Friday, October 27, 2017**.

A problem statement is a short form describing a transportation problem and/or potential innovation that is proposed for detailed study. This is **NOT** a process to apply for CDOT research funds, but this effort is undertaken to formulate a comprehensive set of transportation-related research ideas, categorized into one of the following research areas:

- Structures, Hydraulics, Soils, and Geotechnical
- Environmental, Sustainability, and Water Quality
- Safety, Operations, and Planning
- Pavements and Materials
- Additional uncategorized research topics and ideas.

Once the research ideas are prioritized, selected and funded, a CDOT study panel develops the final scope of work and universities and consultants are asked to submit proposals to conduct the research. For approved projects, funds will be available in October 2018.

2-Day Grant Development Workshop

Mark your calendars for a 2-day grant development scheduled for **April 17-18, 2018**. The workshop, presented by external grant writing expert Lucy Deckard, is for newbies and seasoned grant writers alike, and will include lectures, discussions, and exercises (day one) and optional one-on-one proposal development meetings (day two).

Message From the AVPR

I am pleased to re-boot the Office of Research newsletter! Our last newsletter was published in August of 2015, and much has happened since then. Two long-time OSP employees announced their retirements: Arlene Hansen retired in December 2016; and Sherry May announced her retirement in July 2017 and is in a transition year until summer 2018. Congratulations Arlene and Sherry on your retirements, and thank you for your service to UNC! Former Grants and Contracts Administrator Christine Krauss, who left UNC in 2016 for a position at CSU, was replaced by Sally Goble. Sally's former position in the Office of Research was filled by Jessica Dollard in February. Finally, Cira Mathis joined UNC in December 2016 as the Associate Director of Sponsored Programs, replacing Arlene.

We have had a number of exciting grant successes in the last two years. Of particular note: Drs. Kristina and Michael Phillips (Psychological Sciences) received a \$403,000 grant from the NIH for their project on how marijuana use among college students relates to their academic motivation and performance; Dr. Kay Ferrell (Special Education) received a

\$1.3 million grant from the Department of Education for her project involving infants and toddlers with visual impairment; and Dr. Susan Keenan and a multidisciplinary UNC team received a \$1.0 million grant from the Howard Hughes Medical Institute (HHMI) for their project on STEM inclusive excellence. Congratulations all! A full list of grant activity can be accessed on the [Reports and Statistics](#) page of our website.

I am proud of our outstanding faculty at UNC and their amazing accomplishments in research, scholarship and creative works (RSCW). Last spring during Academic Excellence Week I had the pleasure to present the 2017 A.M. & Jo Winchester Distinguished Scholar Award to Dr. Florence Guido of the School of Higher Education and Student Affairs Leadership. Congratulations Flo! Nominations for the 2018 Winchester Awards are now closed. More information on prior Winchester Scholars as well as nomination instructions for the 2018 Winchester award can be found on the [Faculty Internal Funding](#) page of our website.



In conclusion, I am excited for UNC's trajectory in RSCW. Our standing among our peer institutions has been moving up, and with the [2015 update to the Carnegie Classification of Higher Education](#) (published February 2016), UNC moved up from the R3 category (formerly called *Doctoral Research University*) to the R2 level (*Doctoral Universities: Higher Research Activity*). This major achievement reflects favorably the hard work and noteworthy accomplishments of our faculty, staff, and students. We here in the Office of Research along with all of you across campus will continue to work hard to keep this trajectory moving up. Stay tuned!

Cannabis Research Interest Group (CRIG)

A group of faculty and students with research interests related to cannabis will meet monthly to share their research results. The Cannabis Research Interest Group, or CRIG, has faculty and students from four colleges, and from disciplines including psychology, chemistry, biology, exercise science, criminal justice, recreation/tourism/hospitality, and accounting. Research seminars scheduled this fall are from 4:00 to 5:00pm on November 2 in 1015 Kepner Hall, and November 30 in 1045 Kepner Hall.

Refreshments will be provided. All are welcome!

University Libraries

The University Libraries' 2017-18 Researcher Workshop Series for faculty and graduate students begins Thursday, Oct. 26, with "Open Education Resources: What's in It for You" from 2-4 p.m. in Michener 303. Visit the [Libraries' website](#) for more information and to register.

2017 A.M. and Jo Winchester Distinguished Scholar Announced

Florence M. Guido, Ph.D., professor of Higher Education and Student Affairs Leadership in the College of Education and Behavioral Sciences, was awarded the 2017 Winchester Distinguished Scholar by UNC's Faculty Research and Publications Board. The award, which recognizes demonstrated continued excellence in scholarly activity at UNC for at least five years, comes with a \$2,000 monetary award and the permanent designation of A.M. and Jo Winchester Distinguished Professor.

Recent External Awards

Sponsored activity in fiscal year 2018 is off to a great start. Congratulations to the UNC faculty and staff awarded external grant funding so far in FY18!

Krista Cauffman

- US Department of Education
- "Ronald E McNair Postbaccalaureate Achievement Program"
- \$266,942

Elysia Clemens

- Colorado Department of Human Services
- "The Development and Validation of a 2GEN Case Triage Tool"
- \$118,200

Paula Conroy

- Department of Education
- "Bridging Blindness and Behavior: Applied Behavior Analysis for Preservice Teachers of Children with Visual Impairments and Orientation and Mobility Specialists"
- \$1,219,844

Karen Gomez

- Mycorrhizal Applications, LLC
- "Infectivity of Mycorrhizal Fungi Inocula"
- \$12,132

Robyn Hess

- American Psychological Association
- "High Plains Psychology Internship Consortium"
- \$16,000

Lisa Hudson

- Colorado Office of Economic Development and International Trade
- "East SBDC Health & Wellness Consultation"
- \$3,500

David Hydock

- American Cancer Society
- "Pilot and Exploratory Projects in Palliative Care of Cancer Patients and their Families"
- \$139,332

Susan Keenan

- Howard Hughes Medical Institute
- "Improving Classroom Culture to Support Intrinsic Motivation as a Pathway to STEM Inclusive Excellence"
- \$1,000,000

John Luckner

- Salus University
- "National Leadership Consortium in Sensory Disabilities"
- \$244,563

Sally McBeth

- US Dept of Interior, National Park Service
- "Ethnographic Overview & Assessment for Florissant Fossil Beds National Monument"
- \$119,831

Mit McGlaughlin

- US Department of the Interior, Bureau of Land Management
- "Genetic Distinction Among Populations of the Colorado Hookless Cactus, *Sclerocactus glaucus* (Cactaceae)"
- \$24,282

Mit McGlaughlin

- University of Colorado Boulder (National Science Foundation)
- "Digitization TCN: Collaborative Research: Using Herbarium Data to Document Plant Niches In the High Peaks and High Plains of the Southern Rockies - Past, Present, and Future"
- \$68,024

Michael Mosher

- Colorado Office of Economic Development and International Trade
- "Determination of Fermentation Completion"
- \$33,667

Liane Ortis

- Interfaith Youth Core
- "Building Professional Capacity for Interfaith Engagement"
- \$4,000

Harvey Rude

- Colorado Department of Higher Education
- "Supporting Rural Educator Recruitment and Retention - Supplement"
- \$590,943

Jessica Salo

- Boulder County
- "Assessment of the Three-Dimensional Structure of Riparian Habitat Along Foothills and Plains Streams"
- \$68,292

Hasan Zaghawan

- Colorado Department of Education
- "RTTT Early Learning Challenge Fund Scholarships"
- \$85,500

NSF's Directorate for Biological Sciences

National Science Foundation's Directorate for Biological Sciences (NSF BIO) will implement a "no-deadline," full-proposal mechanism for receiving and reviewing proposals submitted to most core programs. Without fixed deadlines, investigators will have greater opportunities to prepare their proposals, build strong collaborations, and think more creatively, thereby resulting in more complex, interdisciplinary projects that have the potential to dramatically advance biological science. **This change will take effect in 2018. Researchers are encouraged to read NSF's [Dear Colleague Letter](#) and [Frequently Asked Questions](#).** To receive additional information from NSF as it becomes available, [register here](#) ('Get BIO Email Updates' in left sidebar).

Possible IRB Federal Regulations Update

While the following is currently in effect, a recent request to delay changes until 2019 has been made by the U.S. Department of Health and Human Services (HHS) to the Office of Management and Budget (OMB). See the **this link** for the little information that is available.

POSSIBLE UPDATES: IRB Federal Regulations – Effective January 19, 2018. Changes to the US federal regulations governing human subjects research will take effect January 19, 2018. The amended rules are the first changes to human subjects research regulations since 1991. While many changes will reduce the burden on researchers and institutional compliance areas, some of the new requirements come with additional responsibilities. Please see **this link** for the updates

It is certainly a busy time for UNCO IRB in preparing for these Common Rule changes. Here is a summary of

what has occurred and what we look forward to during the next few months in order to implement the changes by **January 19, 2018**:

- IRB Board Members have been trained in all the areas that will be changed.

In the New Year, if the change date stays in effect the following will occur:

1. IRB Board Members will set up informational sessions with their respective departments, schools and/or colleges.

2. The IRB Co-Chairs will offer informational sessions through the Graduate Student

Association, Center for Teaching and Learning, and an open meeting to the campus, “Ask the IRB”.

3. The IRB Co-chairs will work with any remaining units to ensure they receive information

about the changes in a timely manner.

4. Researchers who conduct research that involves biospecimens will be contacted individually by the IRB Co-Chairs with pertinent information.

5. Omnibus course researchers will receive additional information by email so they may update their courses accordingly.

Please watch for:

- The addition of a website on the IRB changes
- UNC IRB procedures updates
- Informed consent form template and composition updates
- Additional self-training materials

Questions and suggestions should be directed to Sherry May, IRB Administrator, Dr. Maria Lahman, IRB Co-Chair, or Dr. Megan Babkes Stellino, IRB Co-Chair

UNC Policy on Faculty Consulting

All UNC employees are reminded to follow Board Policy and University Regulations [BP 2-3-409 & 410; UR 3-3-401 & 402] before entering into any consulting, contractual commitments, other pay-for-service activities, or non-remunerated professional efforts outside of their UNC responsibilities. Advance approval from unit and college leaders is required, and usage of UNC facilities will incur monetary charges consistent with UNC’s overhead assessed to external grants.

IRB Voting Members

- Maria Lahman (co-chair)
- Megan Babkes Stellino (co-chair)
- Lory Clukey
- Susan Collins
- Silva Correa Torres
- Heather Helm
- Wendy Highby
- Mark Montemayor
- Michael Phillips
- Spencer Weiler

Institutional Animal Care & Use Committee

- David Hydock (Chair)
- Lon Kendall (Vice Chair)
- Laura Martin
- Tim Stitt
- Glenn Adams
- M. Todd Allen
- Greg Dekrey
- David Gilliam
- Cynthia Hutt
- Martha Lynne Kessel
- Nancy Matchett
- Steve Mackessy
- Sherry May
- Christopher McKinney
- Mark Thomas

RSCW Misconduct Policy Update

University Regulations 3-8-106, *Scientific Misconduct Policy*, has been updated and is in the final stages of the approval process. The collaborative work of the Office of Research, the Academic Affairs Leadership Team, and the Faculty Senate lead to the policy changes. Among the changes are a name change—it is now called the *RSCW Misconduct Policy*, and other updates to bring the policy in alignment with Federal guidelines.

The essence of the policy is unchanged: Allegations of RSCW misconduct should be reported to the Research Integrity Officer (RIO) by any institutional member with knowledge of observed, suspected, or apparent violation(s) of RSCW misconduct. RSCW misconduct means fabrication, falsification, or plagiarism in proposing, performing, or reviewing RSCW, or in reporting RSCW results. More information can be found on the Office of Research website.

SUPPORT FOR RESEARCH

Faculty Research & Publications Board Members

- Kristina Phillips (Chair)
- Diane Bolden-Taylor
- Kenneth Chan
- Abe Harraf
- Britney Kyle
- Jennifer Leffler
- Tracey Gershwin Mueller
- Kim Murza
- Jessica Salo
- Nicholas Dix
- Hasan Zaghawan
- Robert Houser
- Ellen Gregg
- Sherry May

Research Advisory Council Members

- Bob Houser (Chair)
- Elysia Clemens
- Janice Dickensheets
- Mark Eiswerth
- Joseph French
- Susan Keenan
- Britney Kyle
- Jennifer Mayer
- Stephen Mackessy
- Kristina Phillips
- David Slykhuis
- Jenni Harding

Internal Funding Deadlines

- **New Project Program (NPP):** February 21st
- **Research, Dissemination & Faculty Development (RDFD) Program:** October 27th & March 23rd
- **Provost Award for Travel (PAT):** January 19th & April 13th
- **Fund for Faculty Publications:** Open for the academic year

[Click here](#) for more information.

The Sponsored Research Fellows Program

The Sponsored Research Fellows (SRF) Program supports a small group of faculty members in learning best practices in grantsmanship and perfecting skills for planning and writing high quality proposals for externally funded research projects. Up to ten SRFs will be selected to participate in the two-year program. Applications due December 1, 2017. [Click here](#) for more information.

Faculty Teaching Reassignment for RSCW

The Faculty Teaching Reassignment for RSCW Program offers one-course faculty teaching releases to give faculty members a concentrated assignment in research, scholarship, and creative works (RSCW) during the 2018-2019 academic year.

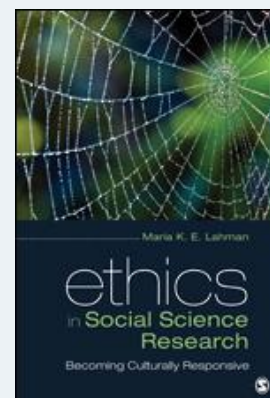
OTHER NEWS

Ethics in Social Science in Research: Becoming Culturally Responsive

Maria Lahman, a professor in CEBS in the Department of Applied Statistics and Research Methods and Co-chair of UNC's IRB, has written a book regarding social science research ethics. She has been able to collaborate with and highlight the research of many current and past researchers at UNC. Maria is an advocate for culturally responsive research ethics reviews and decreasing the bureaucracy that surrounds the review process. A description of the book follows.

Ethics in Social Science Research: Becoming Culturally Responsive provides a thorough grounding in research ethics, along with examples of real-world ethical dilemmas in working with vulnerable populations. Author Maria K. E. Lahman aims to help qualitative research students design

ethically and culturally responsive research with communities that may be very different from their own. Throughout, compelling first-person accounts of ethics in human research—both historical and contemporary—are highlighted and each chapter includes vignettes written by the author and her collaborators about real qualitative research projects.



[Click here](#) for more information